



FUTURE WATER
ASIA

Investing in Urban
Infrastructure:

WATER SUSTAINABILITY

Ramon Alikpala
17 October 2019





MARCH 2019





50% of Filipinos do
not have household
connections



3076



28



0



3



1



Supreme Court imposes massive fines on Maynilad, Manila Water, MWSS

Published August 6, 2019 5:33pm
Updated August 7, 2019 6:46pm

By NICOLE-ANNE C. LAGRIMAS, GMA News

The Supreme Court has imposed massive fines on private water concessionaires Maynilad and Manila Water and the government's Metropolitan Waterworks and Sewerage System (MWSS) for their noncompliance with the Clean Water Act.

Voting 12-0, the Court fined Maynilad and MWSS P921,464,184 and separately fined Manila Water and MWSS the same amount. The fine covers the period of May 7, 2009, five years after the law was enacted, to Tuesday, the day the decision was promulgated.

They were ordered to pay within 15 days from receipt of the decision.



Less than 5% of the country's wastewater is treated

Greywater recycling for non-potable use

Reduction in water consumption

Reused water for agriculture and aquaculture

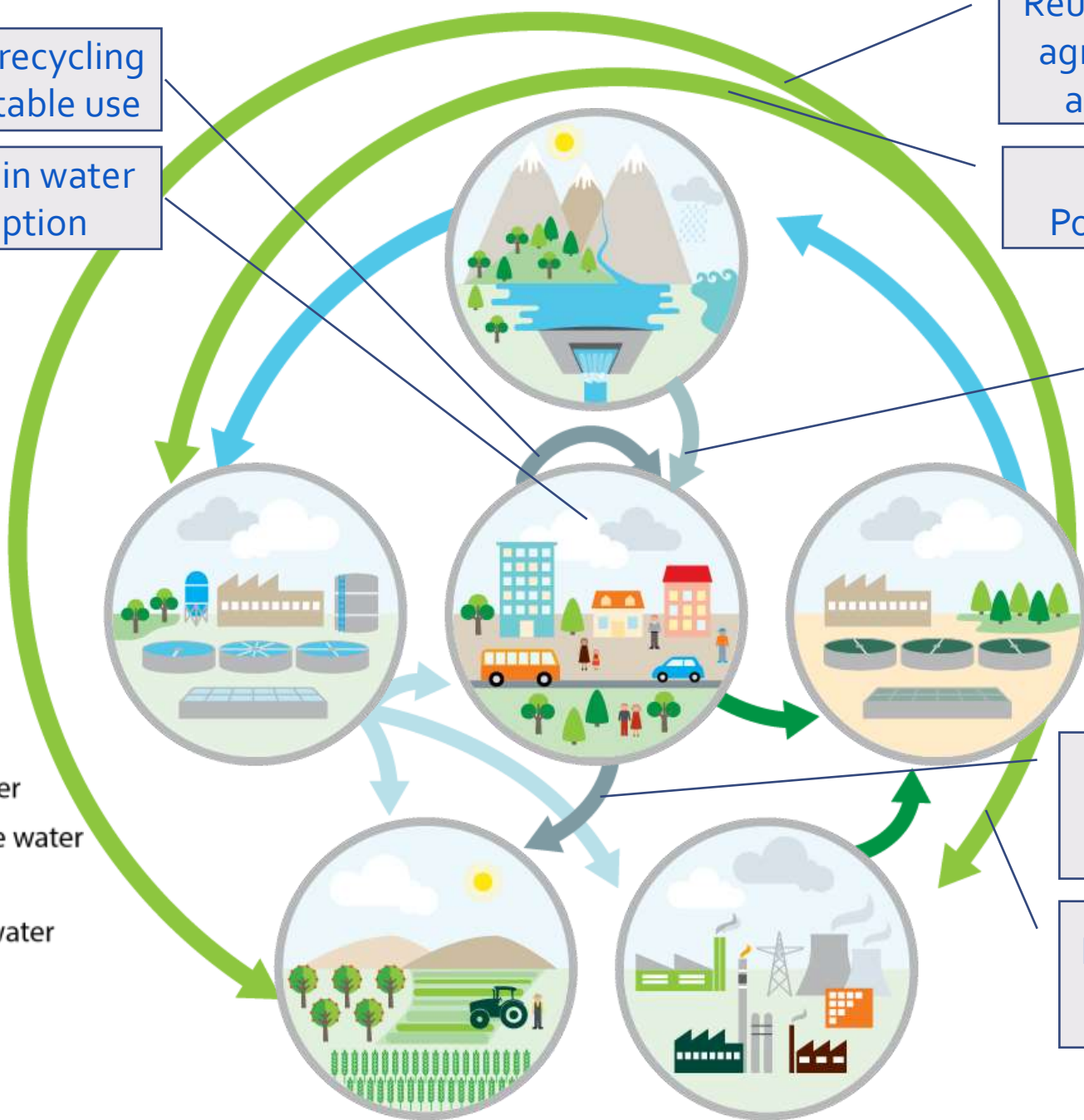
Direct Potable Reuse

Rainwater Harvesting

Greywater for Agriculture

Reused water for industry

- Potable Water
- Non-potable water
- Wastewater
- Reclaimed water
- Greywater
- Rainwater



SINGAPORE 4 TAP SYSTEM



**Water from
Local Catchment**



**Imported
Water**



Newater



**Desalinated
Water**



Arduan: Albayalde 'Misquoted'
About Early Retirement



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By Featuresdesk (MS) on April 7, 2017



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Opposition Senator



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FROM THE AMERICAN PEOPLE

A TOOLKIT FOR WATER AUDITORS

RESIDENTIAL SECTOR



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